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AMENDMENT AND RESPONSE UNDER 37 CFR § 1.116 - EXPEDITED PROCEDURE

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LEAD HAVING VARYING STIFFNESS AND METHOD OF MANUFACTURING THEREOF

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lead 100) and have substantially similar radii with respect to the single axis. The first conductor 240, second conductor 242, third conductor 244, and fourth conductor 246 are each wound together, and transition to the second conductor 242 and the fourth conductor 246, as shown in Figure 9, and as further described below. It should be noted that the conductor assembly 200 can be used in any of the above or below described embodiments, and that other winding configurations are possible.

VW 419/07 Please replace the paragraph beginning at page 13, line 3 with the following replacement paragraph:

Figure 10 illustrates another example of how to form the conductor assembly 200. The conductor assembly 200 is wound, for example, using a mandrel. The conductor assembly 200 is wound with four conductors, including the first conductor 240, second conductor 242, third conductor 244, and fourth conductor 246, which are each wound from a proximal end 204 to a distal end 202 of the conductor assembly 200. As shown in Figure 10, in one option, the first, second, third, and fourth conductors 240, 242, 244, 246 are coradial, as described above. In one embodiment, two or more different materials are used for forming the conductor assembly 200. In another embodiment, one or more of the first conductor 240, second conductor 242, third conductor 244, and fourth conductor 246 are electrically terminated at various locations 250 along the conductor assembly 200. Optionally, during the winding of the coil assembly 200, one or more of the first conductor 240, second conductor 244, and fourth conductor 240 is dropped out of the winding, for instance, at a location of an electrode.